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Jun 15, 1990

PUB-NO: JP402156883A

DOCUMENT-IDENTIFIER: JP 02156883 A

TITLE: RECOMBINED VACCINIA VIRUS

PUBN-DATE: June 15, 1990

## INVENTOR-INFORMATION:

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APPL-NO: JP63311655

APPL-DATE: December 9, 1988

US-CL-CURRENT: 435/235.1

INT-CL (IPC): C12N 7/01; C07K 13/00; C12N 15/39; A61K 39/155

## ABSTRACT:

PURPOSE: To obtain vaccin of improved immunological effect against BPIV3 by integrating cDNA coding membrane fusion protein originating from bovine parainfluenza III (BPIV3) into the genome zone unessential to proliferation of Vaccinia virus.

CONSTITUTION: cDNA coding anti-membrane fusion protein or a membrane protein originating from BPIV3 is integrated, preferably together with DNA having promoter functions, into a genome area unessential to proliferation of Vaccinia virus, so that it is developed. Thus, both anti-membrane fusion protein and anti-hemagglutinin neuraminidase are developed whereby the immunological effect against BPIV3 is increased.

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